

**Coleman Hatchery Late Fall and Livingston Stone Winter Chinook Loss at the Delta Fish Facilities, 2010/2011,
BASED ON DWR EDITS TO FWS CWT DATA**

Release Date	CWT Race	Release Site	Confirmed Loss	Number Released	Total Entering Delta	% Loss ¹	First Concern Level	Second Concern Level	Date of First Loss	Date of Last Loss
12/9/2010	LF	Battle Creek	2244.39	778253	n/a	0.288	n/a	n/a	12/20/2010	1/21/2011
12/21/2010	LF	Battle Creek	78.67	76171	n/a	0.103	0.5%	1.0%	12/22/2010	1/3/2011
1/14/2011	LF	Battle Creek	2.60	157719	n/a	0.002	0.5%	1.0%	1/25/2011	1/25/2011
2/2/2011	W	Redding ²	0.00	122000	66734	0.000	0.5%	1.0%	*	*

DWR ESTIMATE OF NON-CONFIRMED TAGGED LOSS AND NEW TOTAL TAGGED LOSS THROUGH 1/30/2011

Non-confirmed Tagged Loss by DWR Race Assignment

DWR Race ³	Unknown Tag Code ⁴ Loss	Unread Tag Loss	Total NON-confirmed Loss	
LF	58.51	27.21	85.72	Number of unread tags: 5
W	0.00	0.00	0.00	
Total	58.51	27.21	85.72	

Release Date	CWT Race	Confirmed Loss	Proportion Confirmed LF Loss	NON Confirmed Loss	New Total Loss	Number Released	Total Entering Delta	New Total % Loss ⁵
12/9/2010	LF	2244.39	0.965	82.72	2327.11	778253	n/a	0.299
12/21/2010	LF	78.67	0.034	2.90	81.57	76171	n/a	0.107
1/14/2011	LF	2.60	0.001	0.10	2.70	157719	n/a	0.002
2/2/2011	W	0.00	n/a	0.00	0.00	122000	66734	0.000

For Chinook lost 10/1/2010 through 01/30/2011

SWP Tags read 10/1/2010 through 01/22/2011

CVP Tags read 10/1/2010 through 01/25/2011

¹LF % Loss = (Confirmed Loss/Number Released)*100; W % Loss = (Confirmed Loss/Total Entering Delta)*100

²Livingston Stone winter-run Chinook release

³DWR-DES assigns race by comparing length at date of salvage for non-confirmed clipped fish to data for confirmed (read tag) fish

⁴Tag code cannot be determined (damaged tag, lost tag, no tag or released fish)

⁵LF New Total % Loss = (New Total Loss/Number Released)*100; W New Total % Loss = (New Total Loss/Total Entering Delta)*100

DWR-DES Revised 01/31/2011

Preliminary, subject to revision